

Notice of Allowability**Application No.**

10/665,352

Applicant(s)

LESCOUET ET AL.

Examiner

JENNIFER N. TO

Art Unit

2195

- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 03/12/2008 & telephone interviewed 05/30/2008.
2. ☒ The allowed claim(s) is/are 1-31.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☒ All b) ☐ Some* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

/Meng-Ai An/
Supervisory Patent Examiner, Art Unit 2195

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.
2. Authorization for this examiner's amendment was given in a telephone interview with Mr. Larry S. Nixon, Registration No. 25640, on 05/30/2008.
3. Amend the specification as following:
 - a. Replace paragraph [0005] with the following paragraph:

[0005] For such tasks, therefore, real time operating systems have been developed; one example is ChorusOS (also know as Chorus) and its derivatives. Chorus is available as open source software from:
experimentalstuff.com/Technologies/ChorusOS/index and [Jaluna](http://Jaluna.com/) at jaluna.com/
 - b. Replace paragraph [0006] with the following paragraph:

[0006] It is described in "ChorusOS Features and Architecture overview"
Francois Armand, Sun Technical Report, August 2001, 222p, available from:
jaluna.com/developer/papers/CODESPERF.
 - c. Replace paragraph [0012] with the following paragraph:

[0012] A more similar approach is that of ADEOS (Adaptive Domain Environment for Operating Systems), described in a White Paper at opersys.com/ftp/pub/Adeos/adeos

- d. Replace paragraph [0014] with the following paragraph:

[0014] aero.polimi.it/about/rtai/applications/

- e. Replace paragraph [0060] with the following paragraph:

[0060] In this embodiment, the computer 100 was an Intel 386 family processor (e.g. a Pentium processor) and a Motorola PowerPC 750 (Reduced Instruction Set Computer or "RISC") computer (step 302). The critical operating system 201 was the C5 operating system (the real time microkernel of Jaluna-1, an open-source version of the fifth generation of the ChorusOS system, available for open source, free download from jaluna.com).

- f. Replace paragraph [0129] with the following paragraph:

[0129] jaluna.com/developer/papers/CSI-TR-96-34

- g. Replace paragraph [0165] with the following paragraph:

[0165] jaluna.com/doc/c5/html/DebugGuide/book1

4. Amend the claim as following:

- a. Claim 25, replace lines 1-2 with "A development kit computer program product stored in a memory comprising codes executing by a computer that perform a method comprising:".

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5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jennifer N. To whose telephone number is (571) 272-7212. The examiner can normally be reached on M-T 7AM- 4:30 PM, F 7AM- 3:30 PM.
6. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng-Ai An can be reached on (571) 272-3756. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.
7. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Meng-Ai An/
Supervisory Patent Examiner, Art Unit 2195

Jennifer N To
Examiner
Art Unit 2195